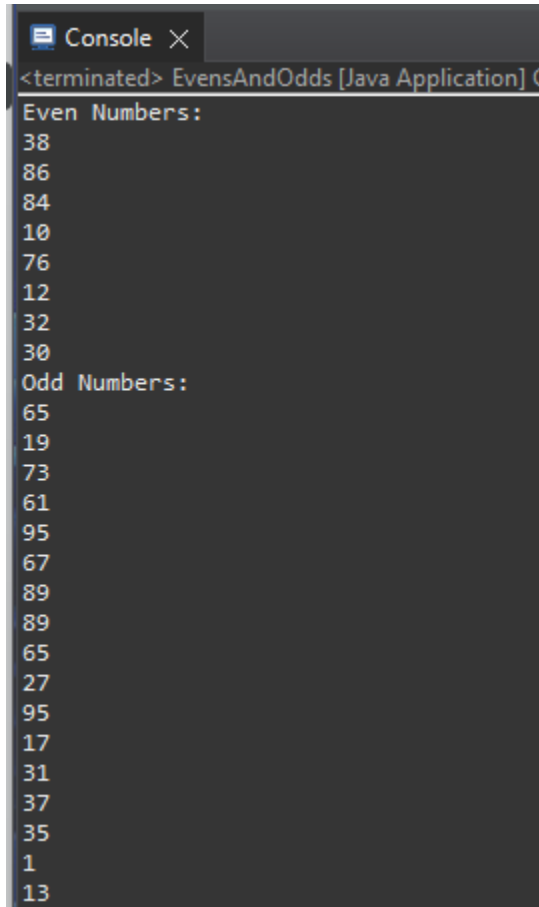


Credit Name: CSE 2120 Data Structures 1

Assignment Name: Evens And Odds Mastery

Describe the errors you've encountered while working on this assignment. What caused the error and how do you overcome the error?

ERROR 1:



```
Console X
<terminated> EvensAndOdds [Java Application] C
Even Numbers:
38
86
84
10
76
12
32
30
Odd Numbers:
65
19
73
61
95
67
89
89
65
27
95
17
31
37
35
1
13
```

When I ran the program, the numbers were printed in the correct categories, but it looked messy. I wanted to make the number output horizontal as it shows in the textbook, not vertical.

I started to look at the print statements, to see why it was printing vertically.

```

System.out.println("Even Numbers: ");
for ( int i = 0; i<25; i++) {
    if ((nums[i] % 2 ) == 0) {
        System.out.println( nums[i]+ " ");
        System.out.print("");
    }
}

//print odd nums
////if statement checks to see which of the nums i
System.out.println("Odd Numbers: ");
for ( int i = 0; i<25; i++) {
    if ((nums[i] % 2 ) != 0) {
        System.out.println(nums[i]+ " ");
        System.out.print("");
    }
}

```

I found the problem, there was a new line being printed for each new number.

```

System.out.println("Even Numbers: ");
for ( int i = 0; i<25; i++) {
    if ((nums[i] % 2 ) == 0) {
        System.out.print( nums[i]+ " ");
        System.out.print("");
    }
}

//print odd nums
////if statement checks to see which of the g
System.out.println("Odd Numbers: ");
for ( int i = 0; i<25; i++) {
    if ((nums[i] % 2 ) != 0) {
        System.out.print(nums[i]+ " ");
        System.out.print("");
    }
}

```

To fix this problem, I deleted the "ln" portion of the print statements which added new lines.

```

Console X
<terminated> EvensAndOdds [Java Application] C:\Program Files
Even Numbers:
72 64 68 76 50 28 28 44 8 2 82 70 14 46 26
Odd Numbers:
3 93 57 13 55 97 83 7 33 45 |

```

Problem solved, the program now prints digits horizontally!